

**Dhea Silviani. 2016. The Application Of Learning *Two Stay Two Stray* To Increase Yields Of Student Learning. Mentored By Dr. Cartonno, M.Pd., M.T. as Supervisor I and Cita Tresnawati, S.Pd., M.Pd. as Supervisor II.**

The research based on the background of low understanding of student class X science of senior high school Jatinangor through concept of virus caused of applying of teaching model wich is unaccerrated,it was difficult to understand message from the concept that was delivered by teacher. This research aims to understand the difference of the result to study for students before and after using learning model *Two Stay Two Stray* to concept virus di SMA Negeri Jatinangor. The populations of the research is the students of class X Senior High School Jatinangor and the sample is 30th students of class science X 1. The methodolody research is accievement which is measured cognitive domain by using 20 multiple choise question approsiated to the teaching indicator performance which has been tried out before. After holding a pretest and posttest, the research goes through the t test and got the different result significantly. Based on the averape of pretest is 37,33 while the posttest is 82 in the concept of environmental changes/climate and recycled at Senior High School Jatinangor. As the conclusion that can improve student lerning result. Based on gain index 0,71takes into account that improvement of student result by using *Two Stay Two Stray* strategy is in the level of medium category.

**Keywords : Two Stay Two Stray, Learning Outomes**